



Quotation No.: 17Q3287420

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**Technical Specification - Item 230 (17Q3287420)**

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**Characteristic**

Product name		Liquid-Filled Groundmount Transformer; 3PH, 1000 kVA, HV 11000D , LV 415yn
Country of origin		Turkey
Rated power	[kVA]	1000
Insulation Liquid		Mineral Oil
High voltage	[V]	11000
High voltage tapings (DETC)		+2 -2 2.5%
Low voltage at no load	[V]	415
High voltage insulation level	[kV]	LI 75 / AC 28 / Um 12
Low voltage insulation level	[kV]	LI - / AC 3 / Um 1.1
Frequency	[Hz]	50
Number of phases		3
Vector group		Dyn11
Ambient temperature	°C	40 / / 20
max./monthly/annual average		
Max. average temperature rise (Oil/Winding)	[C/C]	60 / 65
Surface treatment		Painted, RAL 7033 (C3M)
Altitude (a.s.l.)	[m]	<1000
Location		Indoor/Outdoor
EcoDesign Requirement		The transformer is not compliant with the prevailing regulation and is intended for export outside Europe only (no CE marking)

**Performance values**

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Standards		IEC 60076
Impedance	[%]	6(+/-10%)
No load losses	[W]	1700(+15%)
Load losses at 75 °C	[W]	13000(+15%)

**Preliminary dimensions and weight**

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Length	[mm]	1611
Width	[mm]	1110
Height	[mm]	1588
Roller distance (c/c)	[mm]	820 x 820
Oil Weight	[kg]	401
Total weight	[kg]	2244

**Type of design**

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Tank construction		Corrugated Wall, Hermetically sealed
Cooling		ONAN
Core Steel Type		RGO
High voltage winding conductor material		Cu
Low voltage winding conductor material		Cu

**Standard Features/Accessories - Item 230**

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Off-Load Tap Changer  
DIN type HV and LV bushings  
Pressure Relief Valve

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**ABB ELEKTRİK SANAYİ A.Ş.**

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